CLAIMS

 A reinforcing non-woven base fabric comprising: reinforcing fiber yarns that are formed into a sheet shape by using a support fibrous member,

wherein the support fibrous member is formed of multifilament yarn that is made of composite fibers constituted by at least two or more polymers having a difference in melting points.

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- 2. The reinforcing non-woven base fabric according to claim 1, wherein the composite fiber has a core-sheath structure in which the sheath portion is made of a polymer having a lower melting point than that of the core portion.
- 3. The reinforcing non-woven base fabric according to 15 claim 1 or claim 2, wherein the at least two or more polymers having a difference in melting points are all made of olefin-based polymers.
- 4. The reinforcing non-woven base fabric according to any of claims 1 to 3, wherein, with respect to the at least the two or more polymers having a difference in melting points, the high melting point polymer is a polypropylene polymer and the low melting point polymer is polyethylene or a low melting point polypropylene polymer.
- 5. The reinforcing non-woven base fabric according to 25 any of claims 2 to 4, wherein the core-sheath structure of

the composite fibers having the core-sheath structure has a polypropylene (core portion)/polyethylene (sheath portion) structure or a polypropylene (core portion)/low melting point polypropylene (sheath portion) structure.

- 5 6. The reinforcing non-woven base fabric according to any of claims 1 to 5, wherein not less than two layers thereof are laminated with the reinforcing fiber yarns being used as a group of warp yarns and with the support fibrous member being used as a group of weft yarns.
- 7. The reinforcing non-woven base fabric according to claim 6, having a three-layer structure in which two upper and lower layers of the groups of warp yarns with a fixed interval are placed, with the group of weft yarns being interpolated therebetween and the lower layer is laminated with an offset of a 1/2-pitch so as to place the yarn of the group of lower-layer yarns between the yarns of the groups of upper-layer yarns.
- 8. The reinforcing non-woven base fabric according to any of claims 1 to 5, wherein the support fibrous member

 20 has a mesh structure in which multifilament yarns using composite fibers composted of at least two or more polymers having a difference in melting points are used as at least wefts.
- 9. The reinforcing non-woven base fabric according to 25 any of claims 1 to 8, wherein the sheet shape is maintained

through fusion-bonding.

- 10. The reinforcing non-woven base fabric according to any of claims 1 to 9, wherein the reinforcing fiber yarns are fiber extended yarns.
- 5 11. The reinforcing non-woven base fabric according to any of claims 1 to 10, wherein a plurality of reinforcing fiber yarns are aligned in one direction.
- 12. The reinforcing non-woven base fabric according to any of claims 1 to 10, wherein the reinforcing fibers

 10 form biaxial reinforcing fiber yarn sheets that are made of a warp sheet in which the reinforcing fiber yarns are aligned in the length direction and a weft sheet in which the reinforcing fiber yarns are aligned in the width direction.
- 13. The reinforcing non-woven base fabric according to any of claims 1 to 10, wherein the reinforcing fibers form multi-axial reinforcing fiber yarn sheets that are constituted by a yarn sheet made of reinforcing fiber yarns which, supposing that the length direction of the sheet is 0°, are aligned in 0°-direction, a yarn sheet made of reinforcing fiber yarns which are aligned in a + α ° direction as well as in a - α °-direction (0 < α < 90) and a yarn sheet made of reinforcing fiber yarns which are aligned in a 0°-direction and/or in a 90°-direction.